

# ECONOMIC ANALYSIS

## 2008 COOPERATIVE GYPSY MOTH PROJECT FOR CENTRAL AND SOUTHERN INDIANA

### **Cost/Benefits Lost Ratio: 1:79**

The benefits of the Slow The Spread treatments conducted in Indiana from 2000-2007 would be lost if the proposed treatment site is not eradicated.

### **Cost of Proposed Treatment**

- \$37,866.50 = Btk treatment (1085 total acres x 2 applications @ \$17.45/acre/application)
- \$30,293.20 = Administrative costs (80.0% of treatment cost)
- \$68,159.70 = Total cost

### **Benefits Lost If Not Treated**

\$5,362,785.43 = Total expenses of gypsy moth Slow The Spread treatments from 2000-2007 in Indiana (see Table 1).

Table 1: Summary of total Slow The Spread treatment expenses per year in Indiana from 2000-2007.

Year	Treatment Cost
2000	\$578,662.00
2001	\$365,684.00
2002	\$570,353.66
2003	\$561,327.37
2004	\$917,627.43
2005	\$770,659.54
2006	\$829,443.00
2007	\$769,028.43
Total Expenses	\$5,362,785.43

### **Cost/Benefits Lost ratio:**

68,159.70 : 5,362,785.43 = 1 : 79